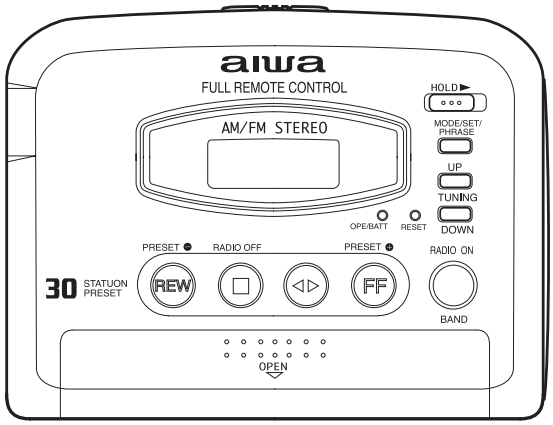
aiwa
SERVICE

HS-RX108 YL,YZ,YH,YJ
HS-RX208 YU,YH,YJ



SERVICE MANUAL

STEREO RADIO
CASSETTE PLAYER

BASIC TAPE MECHANISM : CL-830-5 SIL

- This Service Manual is the "Revision Publishing" and replaces "Simple Manual" (S/M Code No. 09-001-427-1T1).

aiwa

S/M Code No. 09-003-427-1R1

REVISION
DATA

SPECIFICATIONS

Frequency range:	
Reception area USA	**AM** 530 – 1,710 kHz (10 kHz step)
	FM1, FM2 87.5 – 108.1 MHz (200 kHz step)
Reception area EU	**AM** 531 – 1,602 kHz (9 kHz step)
	FM1, FM2 87.5 – 108 MHz (50 kHz step)
Reception area JP	**AM** 531 – 1,629 kHz (9 kHz step)
<EXCEPT YZ>	**FM1, FM2** 76 – 108 MHz
	(100 kHz step in 76 – 90 MHz, 50 kHz step in 90 – 108 MHz)
Maximum output:	4 mW + 4 mW (EIAJ 16 ohms)<YZ>
	4 mW + 4 mW (EIAJ 32 ohms)<YU,YL,YH,YJ>
Power sources:	DC 3 V using two R6 (size AA) dry cell batteries
	AC house current using the optional AC adaptor Aiwa AC-D302
Maximum dimensions:	112.9 (W) x 84 (H) x 29.3 (D) mm
	(excluding projecting parts and controls)
	($4^1/_2$ x $3^3/_8$ x $1^3/_{16}$ in.)
Weight:	Approx.134 g (4.7 oz.) excluding batteries

• Design and specifications are subject to change without notice.

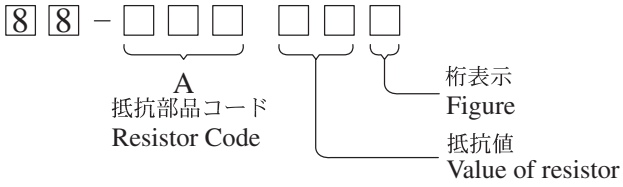
ELECTRICAL MAIN PARTS LIST

REF.NO.	PARTNO.	KANRI NO.	DESCRIPTION
IC			
	87-A21-387-040		C-IC,TA2145F
	87-A21-407-040		C-IC,TA2104BFN
	87-A20-904-080		C-IC,TK11823MTL
	87-A20-532-140		C-IC,LB1977M-TLM
	87-A21-564-010		C-IC,TC9318FA-058
	87-A21-566-040		C-IC,S-80820ANNP
TRANSISTOR			
	87-026-476-080		TR,RN1610
	89-115-865-080		C-TR,2SA1586GR
	89-342-153-080		TR,2SC4215
	87-026-475-080		C-TR,RN1607
	89-508-804-080		CHIP FET 2SK880Y
	89-341-165-080		CHIP TRANSISTOR 2SC4116GR
	89-113-625-080		TR,2SA1362GR
	87-026-414-080		C-TR RN1307
	87-026-425-080		C-TR,RN2307
	89-327-125-080		C-TR,2SC2712
DIODE			
	87-A40-822-040		C-DIODE,CRS01
	87-A40-360-080		C-DIODE,MA786
	87-001-166-080		DIODE,1SS301
	87-017-779-080		C-DIODE,1SS355
MAIN C.B			
BPF201	87-A90-601-010		FLTR,BPF GFWB7
C101	87-012-272-080		C-CAP,U 680P-50 B
C102	87-012-272-080		C-CAP,U 680P-50 B
C105	87-010-501-010		CAP GAS 47UF 4V
C106	87-010-501-010		CAP GAS 47UF 4V
C107	87-012-277-080		C-CAP, U 1800P-50 B
C108	87-012-277-080		C-CAP, U 1800P-50 B
C109	87-012-365-080		C-CAP,S 0.027-25VBK
C110	87-012-365-080		C-CAP,S 0.027-25VBK
C111	87-A11-025-080		C-CAP,U 0.22-16 Z F
C112	87-A11-025-080		C-CAP,U 0.22-16 Z F
C113	87-012-271-080		CAP, U 560P-50
C114	87-012-271-080		CAP, U 560P-50
C115	87-012-142-080		CAP, S 0.33-16
C116	87-012-142-080		CAP, S 0.33-16
C117	87-010-502-010		CAP GAS 100-4
C118	87-010-502-010		CAP GAS 100-4
C119	87-A10-264-080		C-CAP,S 0.1-16ZF
C120	87-010-501-010		CAP GAS 47UF 4V
C124	87-012-286-080		CAP, U 0.01-25
C126	87-010-503-010		CAP,E 220-4 GAS
C130	87-A10-263-080		C-CAP,U 0.1-16 Z F
C141	87-010-805-080		C-CAP,U 1-16 Z F
C142	87-010-805-080		CAP, S 1-16
C151	87-A10-264-080		C-CAP,S 0.1-16ZF
C152	87-A10-264-080		C-CAP,S 0.1-16ZF
C153	87-A11-056-080		C-CAP,U 1-10 Z F
C154	87-A11-056-080		C-CAP,U 1-10 Z F
C191	87-010-503-010		CAP,E 220-4 GAS
C192	87-010-503-010		CAP,E 220-4 GAS
C201	87-012-199-080		CAP 220P
C202	87-012-156-080		C-CAP,S 220P-50 CH
C203	87-012-199-080		CAP 220P
C204	87-012-286-080		CAP, U 0.01-25
C205	87-010-787-080		CAP, U 0.022-25
C206	87-012-269-080		C-CAP,U 390P-50 B
C208	87-010-787-080		CAP, U 0.022-25
C209	87-010-805-080		CAP, S 1-16
C210	87-012-191-080		CHIP CAP 68 PF
C212	87-012-286-080		CAP, U 0.01-25
C213	87-012-160-080		C-CAP,U 50P-50 CK
C215	87-010-198-080		CAP, CHIP 0.022
C216	87-A10-263-080		C-CAP,U 0.1-16ZF
C217	87-A10-039-080		C-CAP,U 470P-50 J CH
C218	87-012-191-080		CHIP CAP 68 PF
C219	87-012-247-080		C-CAP,U 18P-50JUJ
C220	87-012-172-080		CAPACITOR CHIP U 10P CH
C221	87-012-286-080		CAP, U 0.01-25
C222	87-012-195-080		C-CAP,U 100P-50CH
C224	87-010-178-080		CHIP CAP 1000P
C225	87-010-805-080		CAP, S 1-16
C226	87-A10-263-080		C-CAP,U 0.1-16ZF
C227	87-010-805-080		CAP, S 1-16
C228	87-A10-263-080		C-CAP,U 0.1-16ZF
C229	87-012-286-080		CAP, U 0.01-25
C230	87-A10-707-080		C-CAP,U 0.47U-16 F Z
C231	87-A10-264-080		C-CAP,S 0.1-16ZF
C232	87-010-497-010		CAP,E 4.7-35 GAS
C233	87-010-787-080		CAP, U 0.022-25
C234	87-010-787-080		CAP, U 0.022-25
C235	87-010-501-010		CAP GAS 47-4
C237	87-010-959-080		CHIP CAP,U 0.056-16F
C238	87-010-959-080		CHIP CAP,U 0.056-16F
C239	87-012-286-080		CAP, U 0.01-25
C241	87-A10-263-080		C-CAP,U 0.1-16ZF
C245	87-012-195-080		C-CAP,U 100P-50CH
C246	87-012-268-080		C-CAP,U 330P-50 B
C247	87-012-274-080		CHIP CAP,U 1000P-50B
C301	87-010-197-080		CAP, CHIP 0.01 DM
C302	87-010-197-080		CAP, CHIP 0.01 DM
C303	87-010-198-080		CAP, CHIP 0.022
C304	87-A11-282-080		C-CAP,S 1-16 K B
C305	87-012-167-080		C-CAP,U 5P-50 CH
C306	87-012-170-080		C-CAP,U 8P-50 CH
C307	87-012-191-080		CHIP CAP 68 PF
C308	87-010-503-010		CAP,E 220-4 GAS
C309	87-010-805-080		CAP, S 1-16
C310	87-A10-263-080		C-CAP,U 0.1-16ZF
C312	87-A10-264-080		C-CAP,S 0.1-16ZF
C351	87-012-268-080		C-CAP,U 330P-50 B
C353	87-A10-264-080		C-CAP,S 0.1-16ZF
C354	87-010-503-010		CAP,E 220-4 GAS
C355	87-012-268-080		C-CAP,U 330P-50 B
C357	87-A10-263-080		C-CAP,U 0.1-16ZF
C358	87-010-196-080		CHIP CAPACITOR,0.1-25
C359	87-010-196-080		CHIP CAPACITOR,0.1-25
C360	87-012-157-080		C-CAP,S 330P-50 CH
C401	87-A10-201-080		C-CAP,S 0.33-16 K B
C402	87-010-805-080		C-CAP,S 1-16ZF
C403	87-016-526-080		C-CAP,S 0.47-16 BK
C404	87-010-992-080		C-CAP,S 0.047-25 B
C405	87-010-992-080		C-CAP,S 0.047-25 B
C406	87-010-992-080		C-CAP,S 0.047-25 B
C407	87-010-992-080		C-CAP,S 0.047-25 B
C408	87-A10-264-080		C-CAP,S 0.1-16ZF
C409	87-A10-264-080		C-CAP,S 0.1-16ZF
C411	87-010-805-080		CAP, S 1-16
C412	87-010-805-080		CAP, S 1-16
C502	87-A11-056-080		C-CAP,U 1-10 Z F
C503	87-A11-056-080		C-CAP,U 1-10 Z F
C504	87-A11-056-080		C-CAP,U 1-10 Z F
C505	87-012-180-080		C-CAP,U 22P-50 CH
C506	87-012-180-080		C-CAP,U 22P-50 CH
C507	87-A10-706-080		C-CAP,U 0.33U-16 F Z
C508	87-A10-263-080		C-CAP,U 0.1-16ZF
C509	87-A10-263-080		C-CAP,U 0.1-16ZF
C510	87-A10-263-080		C-CAP,U 0.1-16ZF
C513	87-A10-263-080		C-CAP,U 0.1-16ZF
C514	87-012-274-080		CHIP CAP,U 1000P-50B
C515	87-A10-263-080		C-CAP,U 0.1-16ZF

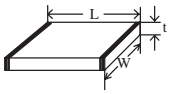
REF.NO.	PARTNO.	KANRI NO.	DESCRIPTION
C516	87-012-195-080		C-CAP,U 100P-50 J CH<208YU>
C517	87-A10-263-080		C-CAP,U 0.1-16ZF
C518	87-A10-263-080		C-CAP,U 0.1-16ZF
C551	87-A10-263-080		C-CAP,U 0.1-16ZF
CF201	87-A91-162-010		FLTR,PFS450A7
CF202	87-A91-770-010		FLTR,SFE10.7 MS239T6-A
CF203	87-A91-094-010		FLTR,CDA10.7 MG80A
D181	87-A91-355-040		C-LED,BR1112H-TR-RED
D201	87-A40-655-080		C-VARI-CAP,HVU200A
D202	87-A40-655-080		C-VARI-CAP,HVU200A
D203	87-A40-799-040		C-VARI-CAP,KV1610S
J101	87-A60-438-010		JACK,3.5 BLK<108>
J101	87-A60-437-010		JACK,3.5 BLK 4P<208>
J351	87-A61-124-010		JACK,DC DIA2.75 BLK TC
L101	87-A50-581-080		C-COIL,S FCM2012H 252705
L102	87-A50-581-080		C-COIL,S FCM2012H 252705
L103	87-A50-581-080		C-COIL,S FCM2012H 252705
L104	87-A50-582-080		C-COIL,S 0.22UH K FCI2012C
L105	87-A50-581-080		C-COIL,S FCM201<208>
L201	8A-HR9-605-010		COIL,FM RF/OSC
L202	8A-HR9-605-010		COIL,FM RF/OSC
L203	87-HRA-603-010		BAR-ANT,MW
L204	87-003-226-010		COIL, 100UH
L205	87-A90-663-010		IFT,MW 5L H6.4
L206	87-A50-597-080		C-COIL,S 10UH LQG21F100N
L301	87-A50-597-080		C-COIL,S 10UH LQG21F100N
L302	87-A50-037-080		C-COIL,D-D 5CDLU
L351	87-A50-597-080		C-COIL,S 10UH LQG21F100N
LCD501	8A-HR8-605-010		LCD,AHR-8
PS551	87-A90-440-010		SNSR,PHOTO GP2S24N2
R506	87-022-245-080		C-RES,U18K-1/16WF
R508	87-022-245-080		C-RES,U 18K-1/16WF
S101	87-A90-050-010		SW, SL 2-2-2 NS (BLK)
S151	87-A90-050-010		SW, SL 2-2-2 NS (BLK)
S501	87-036-379-180		C-SW,SL1-1-2 SS350
S502	87-A91-365-080		C-SW,PUSH 1-1-1 SPVG21
S503	87-A91-737-080		C-SW,TACT B3B-2002
S504	87-A90-665-280		C-SW,TACT LS7A2M
S505	87-A90-665-280		C-SW,TACT LS7A2M
S506	87-A90-665-280		C-SW,TACT LS7A2M
S507	87-A90-665-280		C-SW,TACT LS7A2M
S508	87-A90-665-280		C-SW,TACT LS7A2M
S509	87-A90-665-280		C-SW,TACT LS7A2M
S510	87-A90-665-280		C-SW,TACT LS7A2M
S511	87-A90-665-280		C-SW,TACT LS7A2M
SFR401	87-A91-653-040		C-SFR,K 33K H RH03AEC
TC201	87-011-252-080		TRIMMMER 10P LAR
TH401	87-A91-675-080		C-THMS,NTH5G16P39B472K 07TH
VR101	87-A91-651-010		VR,RTRY 10KBX2 H XV0102G
X501	87-A70-082-010		VIB,XTAL 75KHZ

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

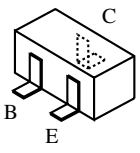
チップ抵抗部品コードの成り立ち
Chip Resistor Part Coding



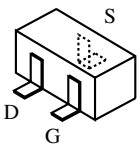
チップ抵抗
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法／Dimensions (mm) 外形／Form	L	W	t	抵抗コード : A Resistor Code : A
1/16W	1005	±5%	CJ		1.0	0.5	0.35	104
1/16W	1608	±5%	CJ		1.6	0.8	0.45	108
1/10W	2125	±5%	CJ		2	1.25	0.45	118
1/8W	3216	±5%	CJ		3.2	1.6	0.55	128

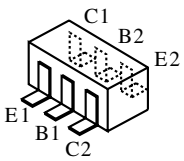
TRANSISTOR ILLUSTRATION



RN1307 2SC4116
RN2307 2SC2712
2SC4215 2SA1586
2SA1362



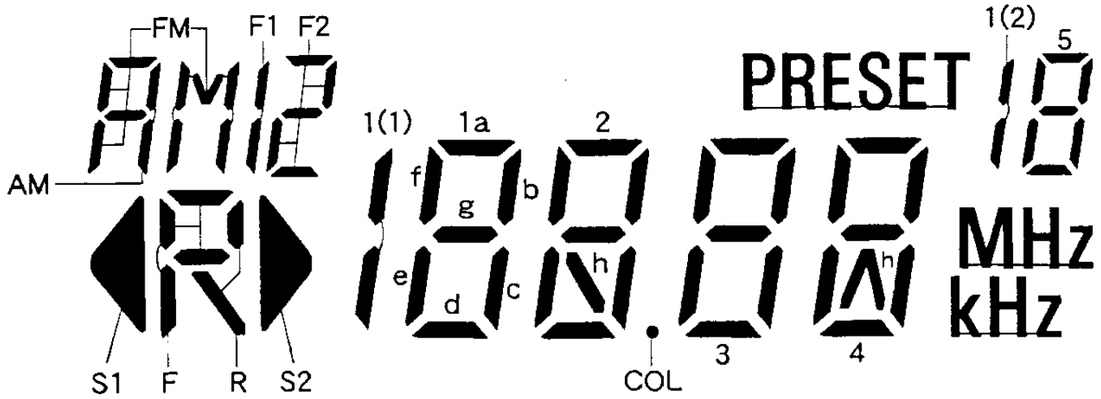
2SK880



RN1607
RN1610

LCD DISPLAY

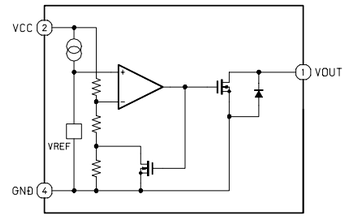
LCD, AHR-8



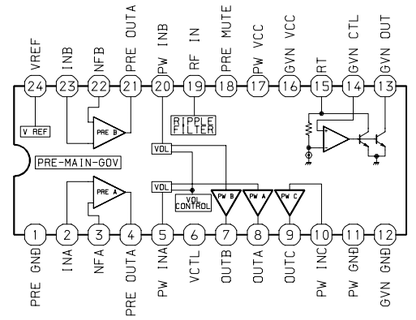
No	COM1	COM2	COM3
1	COM1	——	——
2	——	COM2	——
3	——	——	COM3
4	AM	F	S1
5	FM	S2	R
6	1(1)	1f	1e
7	1a	1g	1d
8	F2	1b	1c
9	2f	2e	2d
10	2a	2g	2h
11	F1	2b	2c
12	3f	3e	COL
13	3a	3g	3d
14	PRESET	3b	3c
15	4f	4e	4d
16	4a	4g	4h
17	4b	MHz	4c
18	1(2)	5e	kHz
19	5f	5g	5d
20	5a	5b	5c

IC BLOCK DIAGRAM

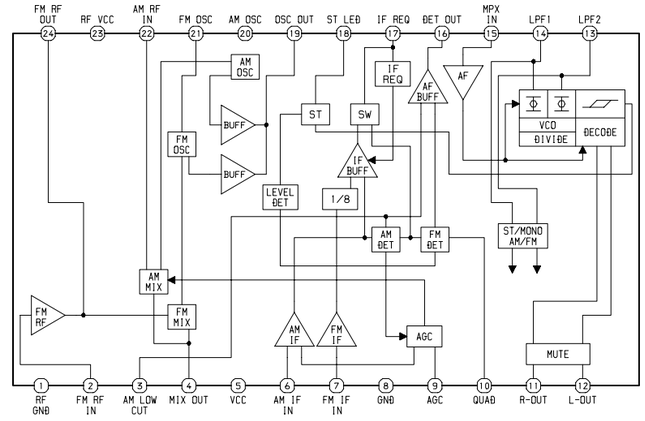
IC,S-80820ANNP



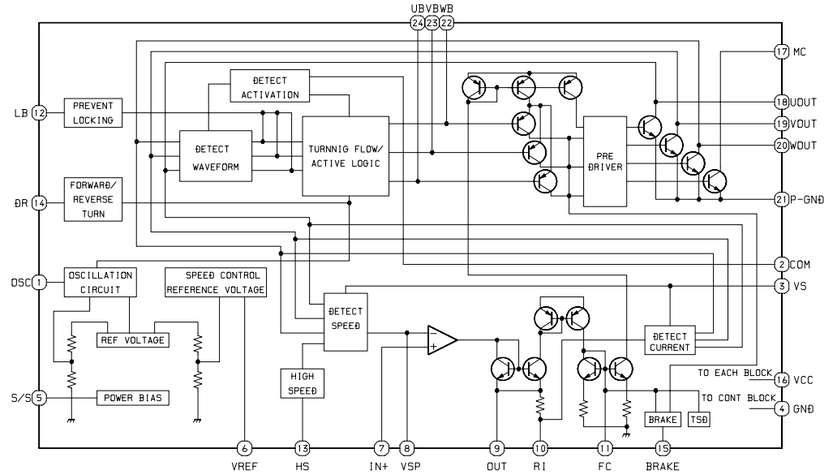
IC,TA2145F

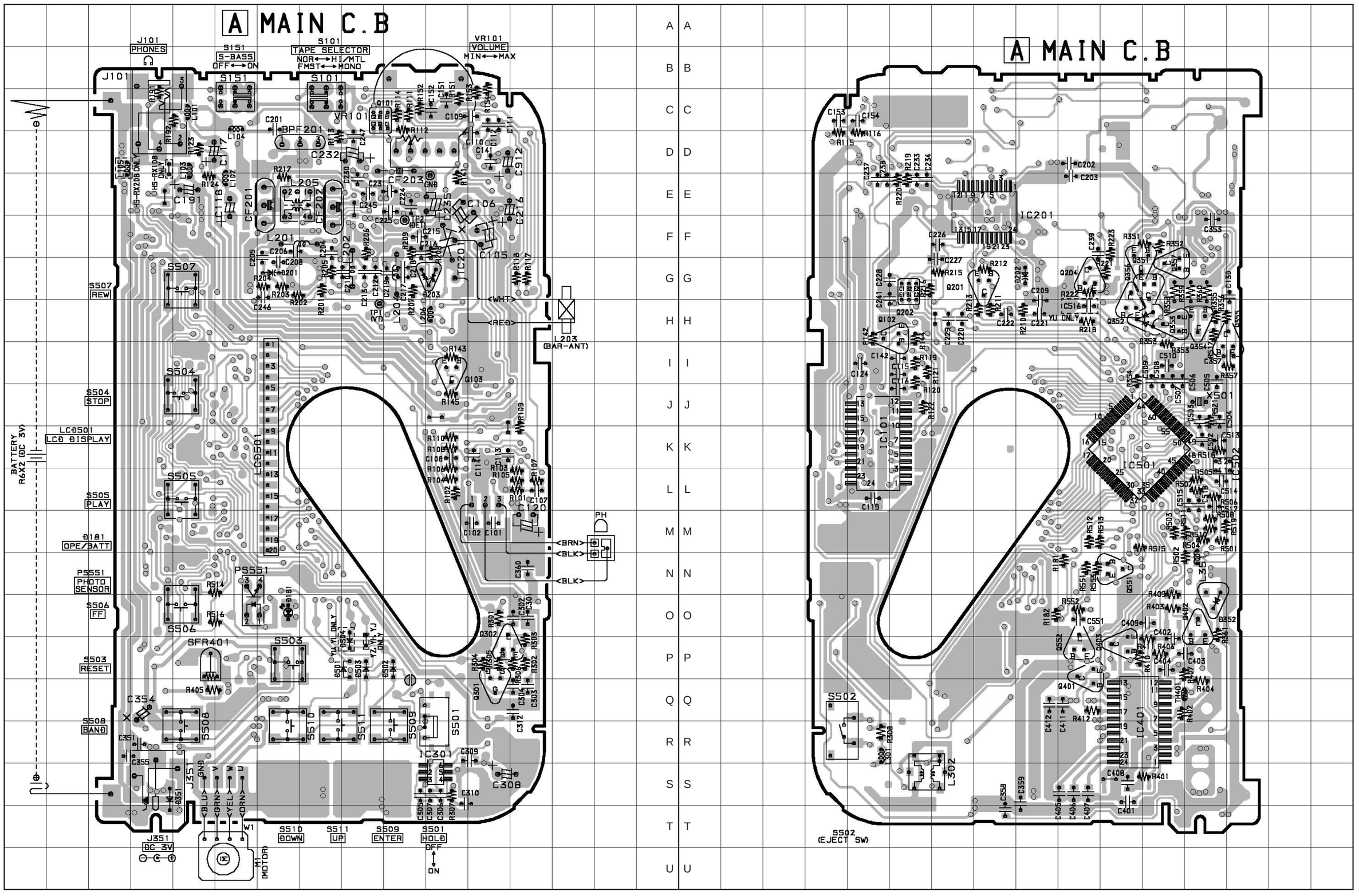


IC,TA2104BFN



IC,LB1977M-TLM




A MAIN C.B
J101
PHONES
S151
S-BASS
OFF ↔ ON
S101
TAPE SELECTOR
NOR ↔ HI/MTL
FMST ↔ MONO
VR101
VOLUME
MIN ↔ MAX
BPF201
CF201
CF202
CF203
L201
L202
L203
(BAR-ANT)
L205
IC301
IC201
IC501
IC401
IC101
X501
S501
S502
(EJECT SW)
S503
RESET
S504
STOP
S505
PLAY
S506
FF
S507
REW
S508
BAND
S509
ENTER
S510
DOWN
S511
UP
PS551
PHOTO SENSOR
SFR401
LCD501
LCD DISPLAY
J351
DC 3V
M1
(MOTOR)
BATTERY
R6X2 (DC 3V)
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HS-RX20B ONLY
YU ONLY
YL ONLY
YZ ONLY
PH
<WHT>
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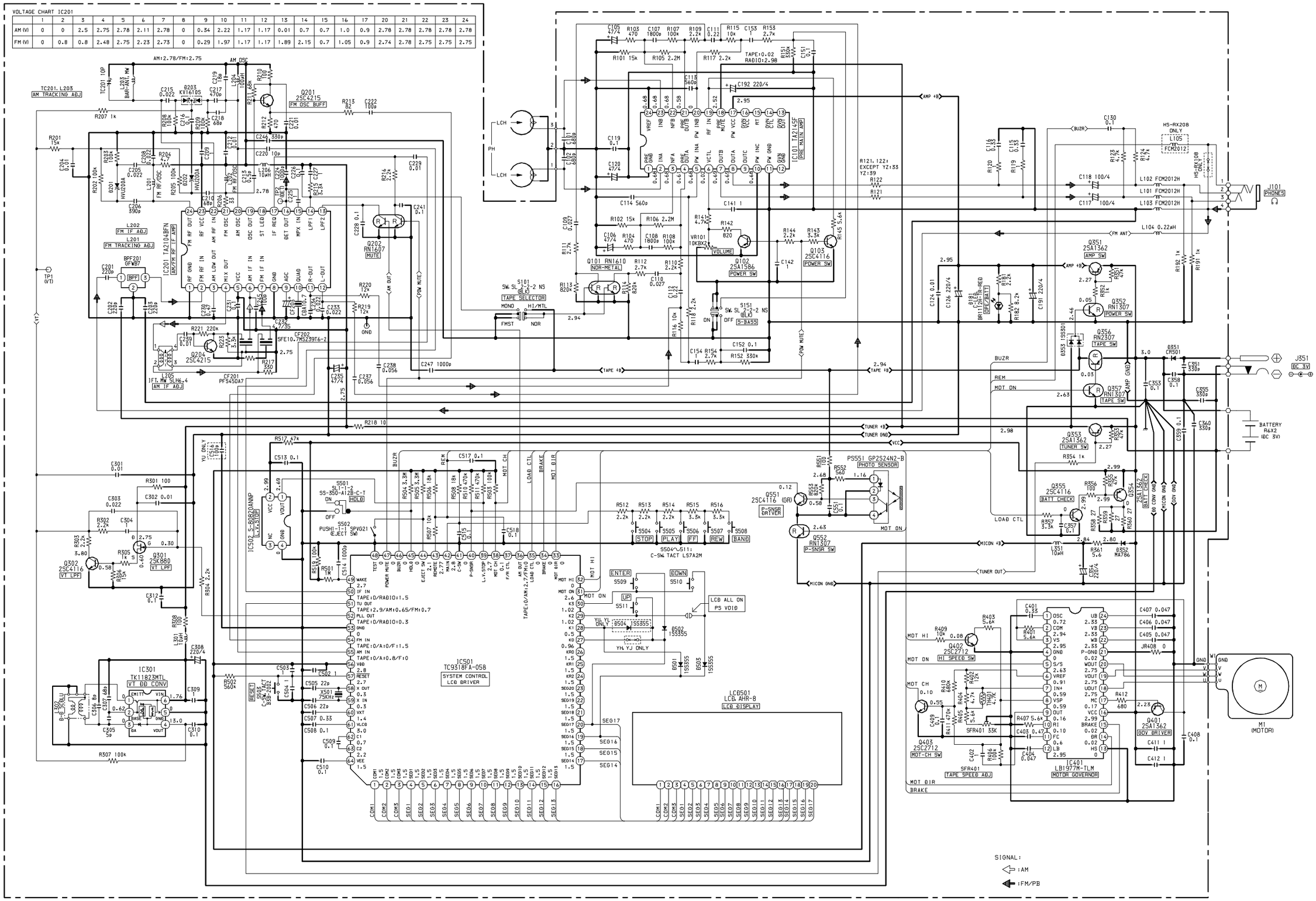
<YEL>
<ORN>
HOLD
OFF
ON

SCHEMATIC DIAGRAM

VOLTAGE CHART IC201

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	20	21	22	23	24
AM (V)	0	0	2.5	2.75	2.78	2.11	2.78	0	0.34	2.22	1.17	1.17	0.01	0.7	0.7	1.0	0.9	2.78	2.78	2.78	2.78	2.78
FM (V)	0	0.8	0.8	2.48	2.75	2.23	2.73	0	0.29	1.97	1.17	1.17	1.89	2.15	0.7	1.05	0.9	2.74	2.78	2.75	2.75	2.75

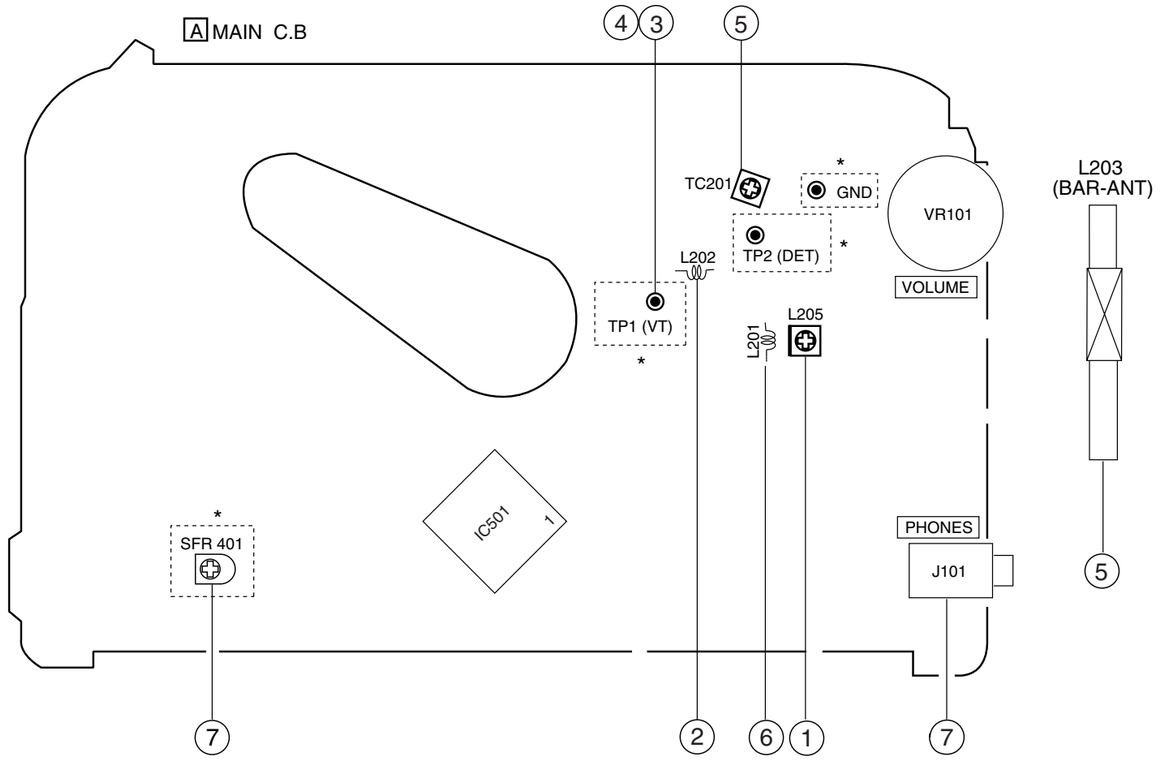


IC DESCRIPTION

IC, TC9318FA-058

Pin No.	Pin Name	I/O	Description
1 ~ 3	COM1 ~ COM3	O	LCD driver common output.
4 ~ 18	SEG1 ~ SEG15	O	LCD driver output.
19 ~ 20	SEG16 ~ SEG17	O	LCD driver / Key matrix timing output.
21 ~ 23	SEG18 ~ SEG20	–	Not used.
24 ~ 26	KR2 ~ KR0		
27 ~ 30	K0 ~ K3	I	Key matrix input.
31	MOT ON	O	Motor control terminal. H : ON, L : OFF.
32	MOT HI	O	Motor speed control terminal. H : HI, L : LO.
33	MOT DIR	O	Motor rotation control terminal. H : CCW, L : CW.
34	BRAKE	O	Motor brake control terminaal. H : ON, L : OFF.
35	LOAD CTL	O	Output battery level checking singal. H : ON.
36	AM OUT	O	FM / AM control signal. H : AM, L : FM.
37	F / R CTL	O	FWD / REV control terminal. H : FWD, L : REV.
38	MOT CH	I	Motor rotate detection terminal.
39	L. V. STOP	I	Input low voltage detectin signal. L : Low voltage.
40	P–SNSR	I	Input photo sensor signal.
41	C–SW	I	Input cassette detectoion switch. L : Exist cassette. (Connected to ground).
42	MAIN	I	Input terminal from main unit key.
43	REMOTE	I	Input terminal from remote controller key.
44	EJECT SW	I	Input cassette eject switch. L : Eject.
45	HOLD	I	Input hold switch from main unit key. H : ON.
46	BUZR	O	Output buzzer.
47	POWER MUTE	O	Output mute signal. H : ON, L : OFF.
48	TEST	I	Input test mode control. (Connected to ground).
49	WAKE	I	Input backup detection signal.
50	IF IN	I	Input IF counter.
51	TU OUT	O	Tuner operation control terminal. H : TU OFF, L : TU ON.
52	PLL OUT	O	Phase comparator output.
53	GND	–	Connected to ground.
54	FM IN	I	Input FM programmable counter.
55	AM IN	I	Input AM programmable counter.
56	VDD	–	Power supply.
57	$\overline{\text{RESET}}$	–	Input system reset signal.
58	X OUT	–	Connected to crystal oscillator.
59	X IN		
60	VXT	–	Power supply for crystal oscillation.
61	VLCD	–	Reference voltage for LCD drive.
62	C1	–	Double voltage booster for LCD drive.
63	C2		
64	VEE	–	1.5V voltage supply for LCD drive.

ADJUSTMENT



Note :
* : On the other soldering pattern side.

<RADIO SECTION>

1. AM IF Adjustment
   L205 ..... 450 kHz

2. FM IF Adjustment
   L202 ..... 10.7 MHz

3. AM VT Check
   Settings : • Test point : TP1 (VT)
   Method : Set to AM 530 kHz and check that the test point is 1.0 V ± 0.3 V. Then set to AM 1710 kHz and check that the test point is less than 9.0 V.

4. FM VT Adjustment
   Settings : • Test point : TP1 (VT)
   Method : Set to FM 87.5 MHz, and check that the test point is 4.0 V ± 0.1 V. Then set to FM 108.1 MHz, and check that the test point is less than 9.0V.

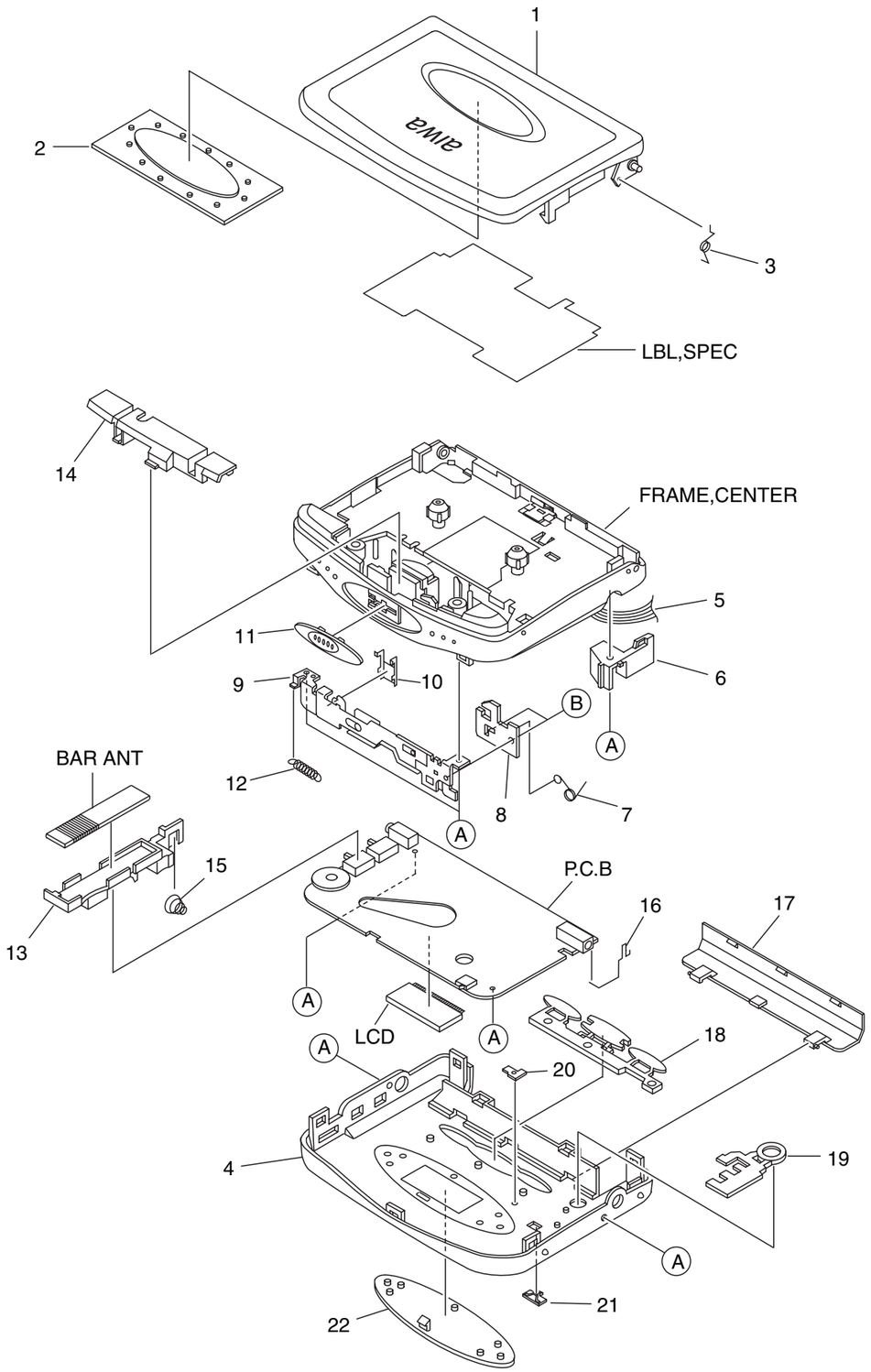
5. AM Tracking Adjustment
   L203 ..... 630 kHz
   TC201 ..... 1440 kHz

6. FM Tracking Adjustment
   L201 ..... 87.5 MHz

<TAPE PLAYER SECTION>

7. Tape Speed Adjustment
   Settings : • Test tape : TTA–100
   • Test point : Phones Jack (J101)
   • Adjustment location : SFR401
   • Volume : MAX
   • S-Bass : OFF
   • Tape selector : Normal
   Method : Play back the test tape and adjust SFR401 for 3015 Hz ± 10 Hz (FWD) and 3015 Hz ± 50 Hz (REV). Then confirm WOW is less than 0.52%.

MECHANICAL EXPLODED VIEW 1 / 1



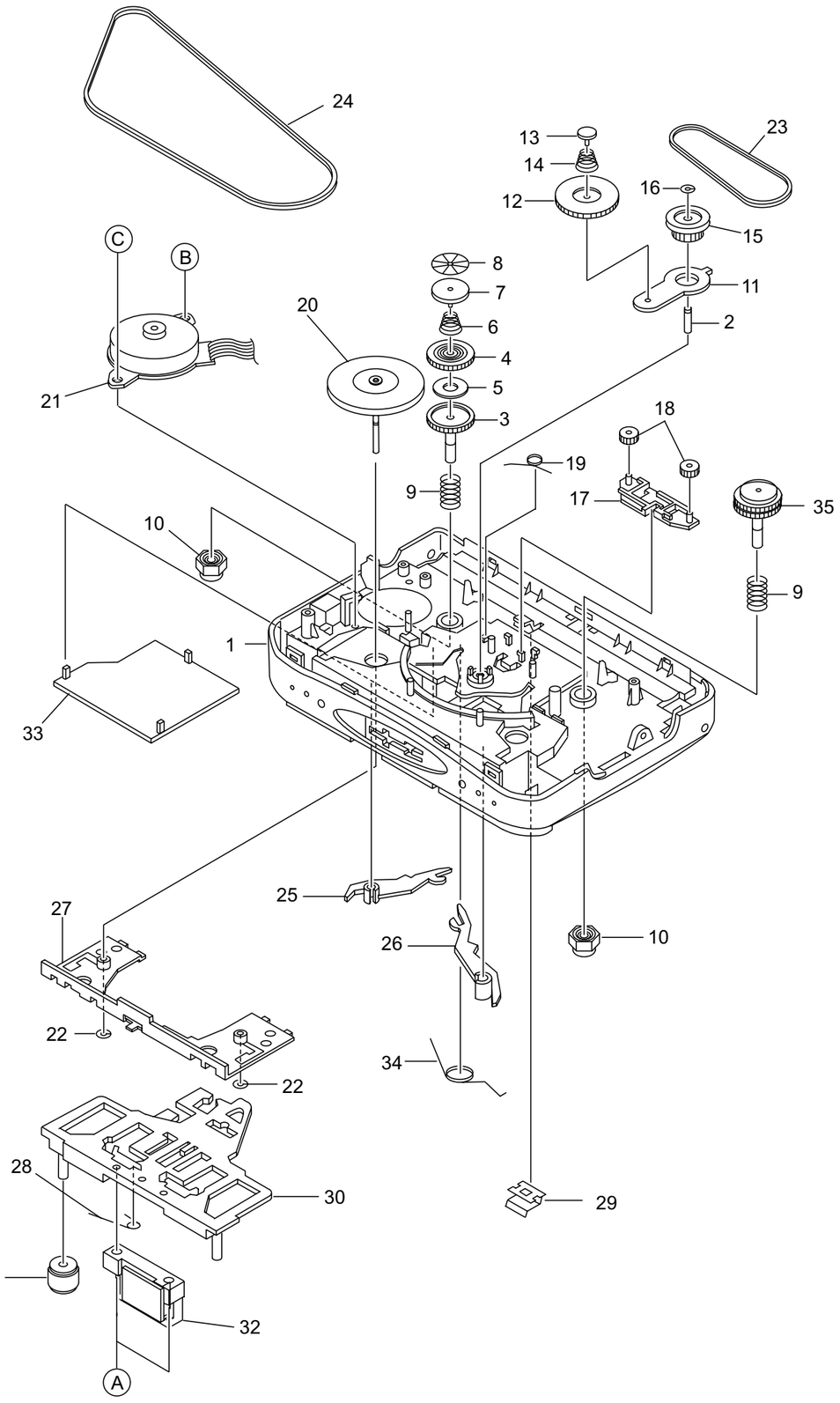
MECHANICAL PARTS LIST 1 / 1

REF.NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-HR9-016-010		LID,CASS R9 SIL<EXCEPT [S]YZ>
1	8A-HR9-017-010		LID,CASS R9 SIL EG<[S]YZ>
2	8A-HR8-002-010		WINDOW,CASS
3	8A-HR8-213-010		SPR-T,CASS
4	8A-HR9-001-010		CABI,REAR 108 SIL<[S]YL,[S]108YH,[S]108YJ>
4	8A-HR9-007-010		CABI,REAR 108 SIL EG<[S]YZ>
4	8A-HR9-008-010		CABI,REAR 208 SIL<[S]YU,[S]208YH,[S]208YJ>
5	8A-HR8-603-010		RBN-CORD,4P MOTOR
6	8A-HR8-216-010		HLDR,DC
7	8A-HR8-210-010		SPR-T,LOCK
8	8A-HR8-208-010		PLATE,LOCK
9	8A-HR9-201-010		LEVER,ASSY 1W
10	8A-HR8-209-010		HLDR,WIRE
11	8A-HR8-005-010		KNOB,SL OPEN
12	8A-HR8-212-010		SPR-E,EJECT
13	8A-HR8-215-010		HLDR,HP
14	8A-HR8-004-010		PLATE,HEAD SIL
15	8A-HR8-218-010		BAT-CONTACT,M
16	8A-HR8-217-010		BAT-CONTACT,P
17	8A-HR8-008-010		LID,BAT SIL
18	8A-HR8-004-010		KEY,CONT
19	8A-HR9-005-010		KEY,PRESET 1W
20	8A-HR8-012-010		LENS,LED R
21	8A-HR8-011-010		KNOB,SL
22	8A-HR9-002-010		WINDOW,LCD
A	87-067-535-010		SCREW VT+1.4-3.5
B	87-067-388-010		S-SCREW,HINGE+1.4-1 BLK

COLOR NAME TABLE

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow	DM	Metallic Orange		

TAPE MECHANISM EXPLODED VIEW 1 / 1



TAPE MECHANISM PARTS LIST 1 / 1

REF.NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-HR8-003-010		FRAME CENTER
2	S8-505-240-000		GEAR SHAFT
3	S8-505-070-000		REEL GEAR T
4	S8-505-080-000		CLUTCH GEAR
5	S8-505-300-000		FELT
6	S8-505-200-000		CLUTCH SP
7	S8-505-120-000		REEL GEAR BUSH
8	S8-505-290-000		REFLECTING PLATE
9	S8-505-210-000		BRACK TENSHION SP
10	S8-000-100-000		REEL CAP
11	S8-505-090-000		FWD GEAR PLATE
12	S8-505-060-000		FWD GEAR
13	S8-505-250-000		GEAR PLATE PIN
14	S8-505-220-000		FWD GEAR SP
15	S8-505-050-000		CENTER GEAR
16	S1-2X2-5X0-25L		L CUT W
17	S8-505-320-000		FF GEAR HOLDER
18	S8-505-330-000		FF GEAR
19	S8-505-310-000		GEAR HOLDER SP
20	S8-550-3K0-000		FLYWHEEL R ASSY
21	87-A91-563-010		MOTOR(IBIGB02)
22	S1-2X2-5X0-1LC		L CUT W
23	SV-500-000-000		SUB BELT
24	SV-510-000-000		MAIN BELT
25	S8-505-100-000		FWD ARM
27	S8-505-260-000		SUB CHASSIS
28	S8-300-170-000		PINCH SP FWD
29	8A-HR8-214-010		SPR-P CASS
30	S8-305-020-000		HEAD BASE
31	S7-000-080-000		PINCH ROLLER
32	87-A91-529-010		HEAD ASSY(TC-950A)
33	S8-505-130-000		COVER
34	S8-300-160-000		HEAD BASE SP
35	S8-305-030-000		REEL GEAR S
A	S3-PB2-0X3-500		SCREW
B	S3-PY1-7X2-500		SCREW 1.7-2.5
C	S3-PB1-7X3-000		SCREW

ACCESSORIES / PACKAGE LIST

REF.NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-HR9-902-010		IB,YHJ(ECC) 108 S<108YH,108YJ>
1	8A-HR9-903-010		IB,YHJ(ECC) 208 S<208YH,208YJ>
1	8A-HR9-904-010		IB,YL(3L) 108 S<YL1B,YL,YLB>
1	8A-HR9-901-010		IB,YU(3L) 208 S<YU>
1	8A-HR9-905-010		IB,YZ(EGF) 108 S<YZ>
1	8A-HR9-907-010		IB,YZ(PHNCZ) 108 S<YZ>
1	8A-HR9-906-010		IB,YZ(SID) 108 S<YZ>
2	8A-HR9-951-010		RC UNIT,RC208<YU,208YH,208YJ>
3	87-B30-255-010		HEADPHONE,HP-M007B(S)<108YH,108YJ,YL1B,YL,YZ>
3	87-B30-081-110		HEADPHONE,HP-M009(S)<YLB>
3	87-B30-336-010		HEADPHONE,HP-M041(S)<208YH,208YJ>
3	87-B30-333-010		HEADPHONE,HP-M051(S)<YU>

アイワ株式会社 〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表)
AIWA CO.,LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111

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